

STEREO MOC Status Report
Time Period: 2012:149 - 2012:155

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 149, during the DSS-63 support, turbo decoder lock was lost briefly at 0704z. This anomaly resulted in the loss of 61 frames of SSR data. See DR# N108125 for more information.
 - On day 151, during the DSS-54 support, turbo decoder lock was lost briefly at 0559z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108126 for more information.
 - On day 153, during the DSS-65 support, turbo decoder lock was lost briefly at 1206z. This anomaly resulted in the loss of 11 frames of SSR data. See DR# N108136 for more information.
 - On day 153, during the DSS-34 support, turbo decoder lock was lost briefly at 2209z. This anomaly resulted in the loss of one frame of SSR data. A DR has been requested.
 - On day 155, during the DSS-54 support, turbo decoder lock was lost briefly at 0546z. This anomaly resulted in the loss of one frame of SSR data. A DR has been requested.
2. The following spacecraft/instrument events occurred during this week:
 - On day 152, the 47th momentum dump was successfully executed at 1600Z, which imparted a delta V of 0.1006 m/sec.
 - The average daily SSR playback volume for Ahead was 5.2 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 155, during the DSS-45 support, the antenna was declared red due to a mechanical anomaly which resulted in the loss of the entire 5.3 hour support. During the next support, SSR pointers were repositioned to minimize data loss. This anomaly resulted in the loss 5.3 hours of command and tracking data. All SSR data was recovered. See DR# C108754 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 150, the 21st SECCHI stepped calibration, for perihelion in the orbit, was executed.
- The average daily SSR playback volume for Behind was 4.7 Gbits during this week.